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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	4
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Complete if Known

Application Number	10/778,,018
Filing Date	February 12, 2004
First Named Inventor	St. Martin et al.
Art Unit	1638
Examiner Name	Keith O'Neil Robinson
Attorney Docket Number	22727/04212

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Keith Robinson/	Date Considered	11/06/2006
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
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		Filing Date	February 12, 2004
		First Named Inventor	St. Martin et al.
		Art Unit	1638
		Examiner Name	Keith ONeal Robinson
Sheet	2	of	4
		Attorney Docket Number	22727/04212

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KOR		Burnham, K.D., Quantitative trait loci for partial resistance to Phytophthora sojae in soybeans, Abstract, Crop. Science 92:S11, (2002).	1
KOR		OSU-OARDC Pages, Plant Germplasm Release Guidelines, pgs 11-18	
KOR		St. Martin et al., Registration of 'Darby' Soybean, Registration of 'Kottman' Soybean and Registration of HS93-4118 Soybean, (Crop. Sci. 41: 590-591, March - April 2001)	
KOR		Soybean Growth and Development, 5 page printout from http://www.extension.umn.edu/distribution/cropsystems/components/5701a.html , 06/05/02.	
KOR		Lande, R., et al., Efficiency of Marker-Assisted Selection in the Improvement of Quantitative Traits, Genetics 124:743-756, March 1990.	
KOR		Abney, T.S., Melger, J.C., Richards, T.L., Scott, D.H., Grogan, J. and Young, J., 1997, New races of Phytophthora sojae with Rps1-d virulence, Plant Dis. 81:653-655.	
KOR		Anderson, T.R., and Buzzel, R.I., 1992, Inheritance and linkage of the Rps7 gene for resistance to Phytophthora rot of soybean, Plant Dis. 76: 958-959.	
KOR		Athow K.L., Laviolette, F.A., Mueller, E.H. and Wilcox, J.R., 1980, A new major gene for resistance to Phytophthora megasperma var. sojae in soybean, Phytopathology 70:977-980	
KOR		Athow, K.L. and Laviolette, F.A., 1982, Rps6, a major gene for resistance to Phytophthora megasperma f. sp. Glycinea in soybean, Phytopathology 72: 1564-1567.	
KOR		Bernard, R.L., Smith, P.E., Kaufmann, M.J. and Schmitthenner, A.F., 1957, Inheritance of resistance to Phytophthora root and stem rot in soybean, Agron. J. 49:391.	

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KOR		Briggs, F.N., Knowles, P.F., Introduction to Plant Breeding, Reinhold Publication Corp., New York, NY 1967	
KOR		Buzzell, R.I. and Anderson, T.R., 1981, Another major gene for resistance to Phytophthora megasperma var. sojae in soybeans, Soybean Genet, Newsl. 8:30-33.	
KOR		Diers, BW, Mansur, L, Imsande, J, Shoemaker, RC, Mapping Phytophthora Resistance Loci in Soybean with Restriction Fragment Length Polymorphism Markers Crop Sci 32: 377-383 '92	
KOR		Dorrance, A.E., McClure, S.A. and de Silva, A., 2003 Pathogenic diversity of Phytophthora sojae in Ohio soybean fields, Plant Dis. 87:139-146.	
KOR		Erwin et al., eds, Phytophthora, 1983, General resistance mechanisms against P sojae include structural features of the host, preformed chemical inhibitors, induced structural	
KOR		(continued from previous line) barriers, hypersensitive reactions and phytoalexins.	
KOR		Kaitany, R.C., Hart, L.P. and Safir, G.R., 2001, Virulence composition of Phytophthora sojae in Michigan, Plant Dis. 85:1103-1106.	
KOR		Kilen, T.C., Hartwig, E.E. and Keeling, B.L., 1974, Inheritance of a second major gene for resistance to Phytophthora root rot in soybeans, Crop. Sci. 14:260-262.	
KOR		Kurle, J.E. And E.M. ElAraby, 2001, Changing composition of Phytophthora sojae races in Minnesota soils, Phytopathology 91:S51.	
KOR		Leitz, R.A., G.L. Hartman, W.L. Pedersen and C.D. Nickell, 2000, Races of Phytophthora sojae on Soybean in Illinois, Plant. Dis. 84:487.	

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		Filing Date	February 12, 2004
		First Named Inventor	St. Martin et al.
		Art Unit	1638
		Examiner Name	Keith ONeal Robinson
Sheet 4	of 4	Attorney Docket Number	22727/04212

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KOR		Mueller, E.H., Athow, K.L., and Laviolette, F.A., 1978, Inheritance of resistance to four physiologic races of <i>Phytophthora megasperma</i> var. <i>sojae</i> , <i>Phytopathology</i> 68:1318-1322.	
KOR		Schmitthenner, A.F., 1985, Problems and progress in control of <i>Phytophthora</i> root rot of soybean, <i>Plant Dis.</i> 69:362-368.	
KOR		Schmitthenner A.F. Hobe, M. and Bhat, R.G., 1994 <i>Phytophthora sojae</i> races in Ohio over a 10-year interval, <i>Plant Dis.</i> 78-269-276.	
KOR		Tijssen, Overview of Principles of Hybridization and the Strategy of Nucleic Acid Probe Assays, <i>Laboratory Techniques in Biochemistry and mOlecular Biology-Hybridization with</i>	
KOR		(continued from previous line) <i>Nucleic Acid Probes</i> , Part I, Chapter 2, Elsevier, NY, 1993.	
KOR		U.S. Dept. of Agriculture, Technical Bulletin of 1987 reprinting that PI 399073 was resistant to <i>Phytophthora</i>	
KOR		van Ooijen, J.W. and Voorrips, R.E., 2001, JoinMap® 3.0, Software for the calculation of genetic linkage maps, <i>Plant Resesarch International</i> , Wageningen, the Netherlands	
KOR		Wrather, J.A., Anderson, T.R., Arsyad, D.M., Tan, Y., Ploper, L.D., Porta-Puglia, JA., Ram, H.H. and Yorinori, J.R., 2001, Soybean disease loss estimates for the top ten	
KOR		(continued from previous line) soybean-producing countries in 1998, <i>Can. J. Plant Pathol.</i> 23:115-121.	
KOR		Yang, X.B., Ruff, R.L., Meng, X.Q. and Workneh, F., 1996 Races of <i>Phytophthora sojae</i> in Iowa soybean fields, <i>Plant Dis.</i> , 80:1418-1420.	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICATION (Use as many sheets as necessary)				Complete if known	
				Application Number	10/778,018
				Filing Date	02/12/2004
				First Named Inventor	St. Martin, et al.
				Art Unit	1638
				Examiner's Name	Keith O'Neal Robinson
Sheet	1	of	1	Attorney Docket Number	22727/04212

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KOR	—	SHOEMAKER, R.C., Cregan, P.B., Vodkin, L., "Soybean Genomics" (2003), American Society of Agronomy Monograph Series. P. 235-255.	—
KOR	—	SONG, Q. J., et al., "A new integrated genetic linkage map of the soybean", <u>Theor Appl Genet</u> , (2004), Vol. # 109, P. 122-128.	—
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KOR	—	Partial International Search Report from PCT/US05/04651.	—
KOR	—	Gordon, Stuart G., et al., "Rsps8 Maps to a Resistance Gene Rich Region on Soybean Molecular Linkage Group F", Crop. Sci. 46:168-173, 2006, pgs. 168-173.	—
KOR	—	Hegstad, J.M., et al., "Identifying Resistance to Phytophthora sojae in Selected Soybean Accessions Using RFLP Techniques, Crop. Sci. 38: 50-55, 1998.	—
KOR	—	Pioneer, a Dupont Company, "Using Molecular Markers in Plant Genetics Research", 4 pgs.	—

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